



INTELLECTUAL PROPERTY LAW

PATENTS, TRADEMARKS,  
COPYRIGHTS, UNFAIR  
COMPETITION AND  
RELATED MATTERS



**SALT LAKE AREA OFFICE**  
8180 SOUTH 700 EAST, SUITE 200  
SANDY, UTAH 84070-0562  
801.566.6633  
801.566.0750 FAX  
PATLAW@TNW.COM  
WWW.TNW.COM

**U.S. MAILING ADDRESS**  
P.O. Box 1219  
SANDY, UTAH 84091-1219

**LAS VEGAS AREA OFFICE**  
OF COUNSEL: NEIL J. BELLER †  
7408 WEST SAHARA  
LAS VEGAS, NEVADA 89117  
702.368.7767  
† ADMITTED IN NEVADA

VAUGHN W. NORTH  
M. WAYNE WESTERN

CLIFTON W. THOMPSON\*

GARRON M. HOBSON

PETER M. DE JONGE

STEVE M. PERRY

WEILI CHENG, PH.D.

DAVID R. MCKINNEY, P.E.

GARY P. OAKESON

DAVID W. OSBORNE

KEITH HARGROVE

JASON R. JONES

REGISTERED PATENT ATTORNEYS

\*ADMITTED IN CALIFORNIA ONLY

CALVIN E. THORPE  
(1938-1999)

May 28, 2002

COPY OF PAPERS  
ORIGINALLY FILED

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

### TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing and pursuant to 37 C.F.R. §§ 1.56 and 1.97 is an Information Disclosure Statement.

Enclosed also are the following designated documents, as required under 37 C.F.R. §§ 1.97 and 1.98:

- Form PTO-1449 list of 25 references submitted for consideration.
- Legible copies of the listed references or their relevant portions.
- All English translations of each non-English reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. § 1.98(c)).

The following are included within the Information Disclosure Statement if applicable and as required under 37 C.F.R. § 1.98:

- Concise explanation of relevance of each reference not in English and unaccompanied by an English translation.

Commissioner of Patents  
and Trademarks  
Page 2

Statement that certain listed references not enclosed are substantially cumulative of an enclosed reference.

Statement that certain listed references not enclosed were previously cited by or submitted to the Office in the identified prior application which is relied upon for an earlier filing date under 35 U.S.C. § 120.

In order to secure consideration of the items designated above, one or more of the following, if required, is also enclosed:

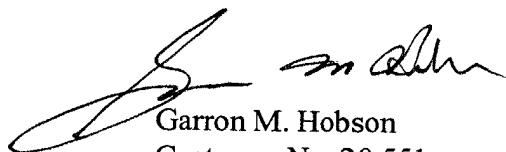
Statement under 37 C.F.R. § 1.97(e)(1) or (2).

Check No. \_\_\_\_\_ in the amount of \$ (amount in § 1.17(p)) constituting the submission fee set forth in 37 C.F.R. § 1.17(p).

In the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that the Statement meets the requirements of 37 C.F.R. § 1.97(e), or in any other event remediable by a fee, please credit any over payment or charge any additional fees to Deposit Account No. 20-0100 of the undersigned.

Dated this 28 day of May, 2002.

Respectfully submitted,



Garron M. Hobson  
Customer No. 20,551  
Attorney for Applicant  
Registration No. 41,073  
Docket No. T8719  
Application Ser. No. 10/086,640  
**THORPE NORTH & WESTERN, L.L.P.**  
P.O. Box 1219  
Sandy, UT 84091-1219  
Telephone (801) 566-6633

GMH/ef

0410  
# 3  
03-01

COPY OF PAPER  
ORIGINALLY FILED

U.S. PATENT APPLICATION NO. 10/086,640  
DOCKET NO. T8719

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

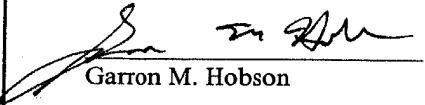
APPLICANT: Jacobsen  
SERIAL NO.: 10/086,640  
FILED: 02/28/02  
CONFIRM. NO.: 8541  
FOR: RESONANT ELECTRICAL  
GENERATION SYSTEM  
ART UNIT:  
EXAMINER:  
DOCKET NO.: T8719

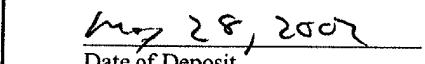


T.P.S.  
Office  
9-02

CERTIFICATE OF DEPOSIT  
UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, under 37 C.F.R. § 1.8 on the date indicated below and is addressed to Assistant Commissioner of Patents, Washington, D.C. 20231.

  
Garrison M. Hobson

  
May 28, 2002  
Date of Deposit

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). Applicant respectfully submits that this Information Disclosure Statement is filed pursuant to:

37 C.F.R. § 1.97 (b)(1) or (3), within three months of the filing date of the application, or before a first office action on the merits, whichever occurs last;

37 C.F.R. § 1.97 (c), after a first office action on the merits, but before a Final Office

Assistant Commissioner of Patents  
Page 2

Action or a Notice of Allowance, whichever occurs first, and is accompanied by either 1) a statement in accordance with 37 C.F.R. § 1.97(e), or 2) the fee set forth in § 1.17(p); or

\_\_\_\_\_ 37 C.F.R. § 1.97 (d), after a Final Office Action or Notice of Allowance, whichever occurs first, but on or before payment of the issue fee, and is accompanied by both 1) a statement in accordance with 37 C.F.R. § 1.97(e), and 2) the fee set forth in § 1.17(p).

While no representation is made that any of these references may be "prior art" within the meaning of that term in accordance with 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the references listed, together with any other references which may have been previously submitted or listed, are the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each listed reference (or relevant portion thereof) was previously submitted with priority Application No. 09/439,473, filed November 12, 1999 and Application No. 09/627,852, filed July 28, 2000 in the United States Patent Office. No copies are submitted herewith.

For all listed references that are not either in the English language, or accompanied by a translation into English, a concise explanation of relevance as required under 37 C.F.R. § 1.98(a)(3) is enclosed attached to each.

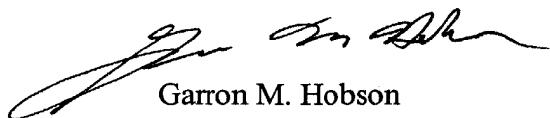
COPY OF PAPERS  
ORIGINALLY FILED

Assistant Commissioner of Patents  
Page 3

Please charge any additional fees or credit any overpayment to Deposit Account No. 20-0100.

DATED this 28 day of May, 2002.

Respectfully submitted,



Garron M. Hobson  
Attorney for Applicant  
Registration No. 41,073

THORPE, NORTH & WESTERN, L.L.P.  
P.O. Box 1219  
Sandy, Utah 84091-1219  
Telephone (801) 566-6633

GMH/ef

*H:\FILES\T8000\T8719\T8719 ID Statement.wpd*

**COPY OF PAPERS  
ORIGINALLY FILED**

Sheet 1 of 1

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. T8719	SERIAL NO. 10/086,640
<b>LIST OF PRIOR ART CITED BY APPLICANT</b>		<b>APPLICANT</b> Jacobsen	
		<b>FILING DATE</b> 02-28-02	<b>GROUP</b>

JUN 10 2002

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	1,983,405	12/04/34	Schmidt			
AB	2,480,281	04/72	Begerow			
AC	2,496,502	2/50	Steensma			
AD	2,525,782	10/17/50	Dunbar			
AE	2,539,535	01/30/51	Espenschied			
AF	2,549,464	04/17/51	Hartley			
AG	2,573,697	11/06/51	Dunbar et al.			
AH	2,581,669	01/08/52	Kadenacy			
AI	2,647,365	08/04/53	Myers			
AJ	2,838,102	06/10/58	Reimers			
AK	3,093,962	06/18/63	Gluhareff			
AL	3,393,964	7/68	Donnelly			
AM	3,395,967	08/06/68	Karr			
AN	3,473,879	10/69	Berberich			
AO	3,545,211	12/08/70	Harp Jr.			
AP	3,656,878	04/72	Wright			
AQ	3,741,686	6/26/73	Smith			
AR	3,954,380	05/04/76	Valaev et al.			
AS	4,370,101	1/25/83	Vander Horst			
AT	4,412,786	11/1/83	Perry			
AU	5,000,677	3/91	Lathion et al.			
AV	5,123,835	06/23/92	Richards et al.			
AW	5,302,112	4/94	Nabors, Jr. et al.			

**OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)**

AX	Borman, G. and Ragland, K., Combustion Engineering, Boston, WCB McGraw-Hill, 1998, p. 25.		
AY	Turns, S., An Introduction to Combustion, N.Y., McGraw-Hill Inc., 1996 p.6.		
AZ			
EXAMINER	DATE CONSIDERED		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance  
And not considered. Include copy of this form with next communication to Applicant.